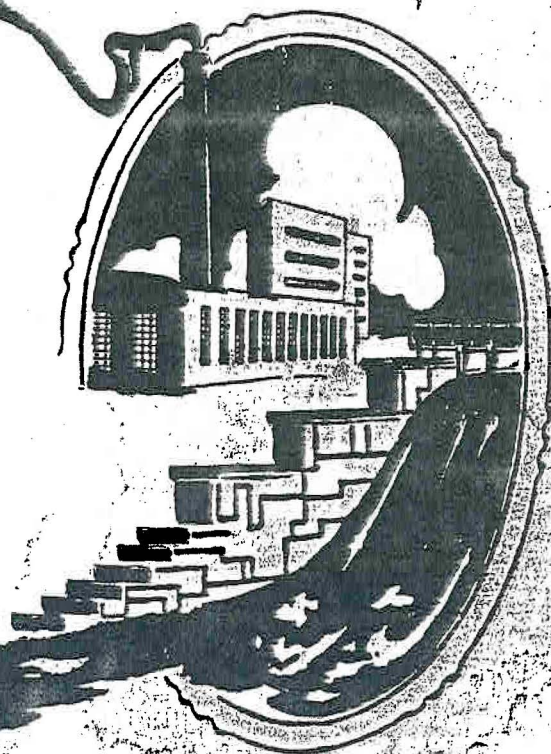


**BERLIN**  
NEW HAMPSHIRE

# CENTENNIAL

1829-1929



## The Evolution of Brown Company

**N**O story of the first hundred years of Berlin would be complete without an outline of the development of its largest business. The growth of Brown Company and that of Berlin have been closely interwoven for a period of seventy-seven years.

In 1852, the Atlantic and St. Lawrence Railroad was opened to Berlin and made possible the development of the power site at Berlin Mills, which had rested idle since the unsuccessful at-

tempts of Thomas Green to utilize it in 1826. In the same year a group of Portland business men, J. B. Brown, Josiah S. Little, Nathan Winslow, and Hezekiah Winslow, formed a partnership under the name of H. Winslow and Company. They purchased an area of ground on the west bank of the Androscoggin River at Berlin, built a dam, and erected a sawmill, containing one gang and two single saws with a maximum daily capacity of about 25,000

feet of long lumber. In 1853, they built the first part of the present store and constructed the large boarding house, now known as the Company House. In 1854, under the guarantee of a certain amount of business, the Berlin Mills branch railroad was constructed to the Grand Trunk. In 1855 a second gang saw was added. In 1858, another single saw and a gristmill with three runs of stones were installed. The first rotary saw came in 1860.

Yankee clippers were seen on every sea. The battle of the Monitor and the Merrimac marked the doom of wooden ships. With them slowly decayed a trade that had exercised the efforts of the best minds in Europe and America for three hundred years, the procurement of ship timber.

Born on a farm in Clinton, Maine, in 1821, William Wentworth Brown engaged in the manufacture of ship knees at Bangor in 1840. In 1850, he went into this business at Portland, where he resided for over sixty years. In 1868, he purchased the interest of J. B. Brown in the Berlin Mills Company, and, with Lewis T. Brown, also the interests of Messrs. Clemens, Bingham and Warren, thus starting the present line of control. At the age of 47, a period of life when some men retire from active business, Mr. W. W. Brown turned his best efforts from an honorable trade that was on the wane to a prospect among the bleak New Hampshire mountains, which must have seemed unusually barren to his contemporaries. He saw in it an opportunity that others did not see. He established the head office and wharf on the site of the present buildings at 404 Commercial Street, Portland. In the last few years this site has been so outgrown that some sales work formerly done at Portland has been removed to Boston. A large new office building is now being opened in Berlin.

The lumber business was expanded until in 1890, the daily production of 150,000 feet was six times that at the start. In 1888, the kyanizing plant was built for preserving spruce lumber. In 1897 the original mill was destroyed by fire, and a new mill was built with a capacity of 200,000 feet. In 1904, the window frame mill was built with an output of 2,000 frames a day. The second sawmill was burned in 1913, when the present concrete plant with a capacity of 150,000 feet was erected. Although of slightly less capacity than the



MR. W. W. BROWN

tempt of Thomas Green to utilize it in 1826. In the same year a group of Portland business men, J. B. Brown, Josiah S. Little, Nathan Winslow, and Hezekiah Winslow, formed a partnership under the name of H. Winslow and Company. They purchased an area of ground on the west bank of the Androscoggin River at Berlin, built a dam, and erected a sawmill, containing one gang and two single saws with a maximum daily capacity of about 25,000

The name, Berlin Mills Company, which prevailed for a full half century and is now perpetuated by the use of "Bermico" as a name for certain products, dates to 1866, when it was adopted by a partnership consisting of J. B. Brown, Mrs. J. S. Little, and Messrs. Clemens, Bingham, and Warren. Mr. Little had died, and the Winslows had sold their interests.

The Civil War changed the direction of New England endeavor. Before it

## CENTENNIAL PROGRAM

preceding one, it is much more efficient and secures its output with one band-saw instead of two. The reduction in capacity was due to the changed character of the demand for lumber in relation to that for pulp and paper.

In 1880, James W. Parker and Thomas Edwards became members of the Berlin Mills Co. and, together with W. W. Brown, Mrs. A. T. C. Davis, who had secured the Little interests, and the heirs of Lewis T. Brown formed the company. Later on, Mr. Parker bought out the L. T. Brown interests, while H. J. Brown and Thomas Edwards secured the Davis interests. The officers were: W. W. Brown, president; J. W. Parker, vice-president; Thomas Edwards, treasurer; and H. J. Brown, assistant treasurer and general superintendent.

The year, 1888, is an interesting one. In that year, the business of the Berlin

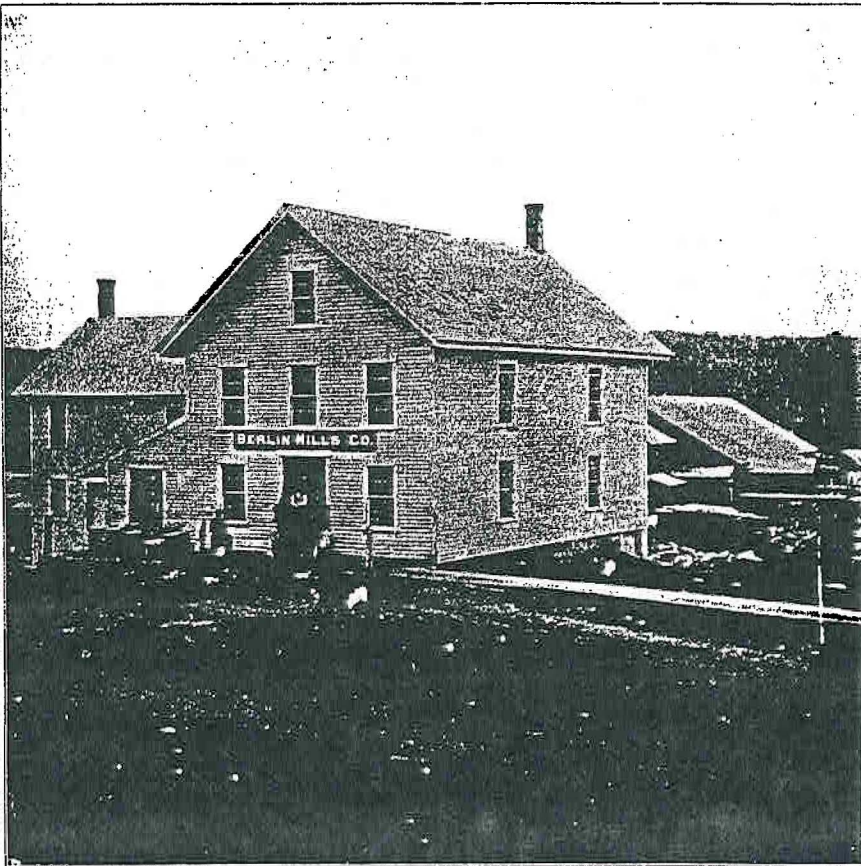
Mills Company had grown to such proportions that its organization was found to be cumbersome as a partnership, and was accordingly changed to a corporation. Mr. H. J. Brown became superintendent and was the first of the sons of Mr. W. W. Brown to reside in Berlin. The year also marked an important change in the character of the products, which had hitherto been limited to lumber.

At the time when Mr. W. W. Brown purchased the controlling interest in the Berlin Mills Company, paper was made almost entirely from rags, some admixture of straw and soda pulp from wood being used. Tilghman was developing the sulphite process at Manayunk, Penn., but it was not commercially practiced until 1887, owing to mechanical difficulties with the earlier equipment. A mill operating the simplest pulpmaking process was making

some mechanical pulpwood at Stockbridge, Mass., in March, 1867.

The operation of a pulp and paper proposition under the strain of intense competition requires cheap wood, adequate waterpower, good railroad facilities, good living conditions, and ability to manage. Possessed of all these essentials, the Berlin Mills Company started to make paper. The Riverside Groundwood Mill was erected in 1888 and eighteen grinders were originally installed. In 1891, a little down river and across from the first mill, the Riverside Paper Mill was built and equipped with two machines with a capacity of forty-two tons of newsprint a day. At the same time, the Burgess Sulphite Fibre Company, of which Mr. Brown held the controlling interest, was built upon the east bank of the river to make chemical wood fibre. Its officers were: W. W. Brown, president; Aretas Blood, vice-president; T. P. Burgess, treasurer and general manager; and G. E. Burgess, superintendent. In 1892, the first newsprint paper was made, the groundwood coming from the Riverside Pulp Mill and the unbleached sulphite from the Burgess Sulphite Fibre Company. In this year, Mr. Orton B. Brown moved to Berlin and became superintendent; two years later, he became general manager, when Mr. H. J. Brown removed to Portland to assume the duties of treasurer.

Seeing the market for a bleached wood pulp, the Company built in 1898 the first unit of the Electrochemical Plants, and was able to market lumber, groundwood, newsprint and both unbleached and bleached sulphite. The newsprint market being active, the Cascade Mill with four 164-inch machines was built, and in 1904 an added production of 200 tons of paper was put on the market. This was at the time not only the finest paper mill in existence, but also the largest self-contained unit making both of the raw pulps, as well as the finished product, at one plant. In 1906, the Berlin Mills Company bought out the Burgess interests in the Burgess Sulphite Fibre Company and gradually increased the production to 400 tons per day, making it the largest chemical pulp mill in the world, the Electrochemical Plant being



ORIGINAL STORE—ABOUT 1870

## CENTENNIAL PROGRAM

enlarged to keep pace with the demands of the pulp mill. The building of the Electrochemical Plant was significant, in that it was a demonstration of the Company's policy to make for itself, what might be called its own secondary raw materials—a policy which was later illustrated by the creation of a plant at Cascade Mill to make the aluminum sulphate used in sizing the paper, a can factory to make containers for Kream Krisp, a press plant for the steel ends of its fibre cores and for the cabinets for its well-known Nibroc Kraft Towels, its Florida peanut plantation for the production of peanut oil used in its product, Kream Krisp, and other similar developments.

In the meantime, the Company's woodlands had very largely increased. Because of the location of some of this land on the St. Maurice River in Canada, it acquired the water power at La Tuque, Quebec, the last fee-simple water privilege granted in Canada, with an approximate head of 100 feet and a possible development of over 100,000 horse-power. To hold these rights, certain improvements were required to be made; and so in 1909, a partial development of the water-power was made. The present Kraft or Sulphate Pulp Mill was started, and the product was placed on the open market.

In 1910, kraft paper was being made in the Scandinavian countries, but was practically unknown in America. Seeing its possibilities, the Company commenced its manufacture at Riverside Mill, using the La Tuque pulp, and, in 1912, the entire production of the Riverside was kraft paper.

In 1912, the only clause in the Taft Reciprocity Bill which was accepted by both Canadian and U. S. Governments, went into effect, taking off the U. S. import duty on newsprint, and the newsprint market suffered a severe reverse. The Company had increased its production of kraft pulp at La Tuque, and it was decided to change the Cascade Mill entirely from newsprint to kraft paper. A start was made on one machine in 1914; and, by 1917, all were making kraft paper. At the present time, this is one of the largest kraft mills in the world, having a production

of 200 tons per day, making nine per cent. of all the kraft paper produced in North America. Its product, Nibroc Kraft, is the recognized standard for quality the country over. In addition to that part used as wrapping paper, as we know it, a large amount goes to converting companies, which make it into gummed tape, tire wrappings, envelopes, twisting paper used in the furniture trade, water-proofing paper, etc. The Cascade Mill maintains a first-class printing plant, which offers a special service in the preparation of distinctive wrappers for users of Nibroc Kraft.

Having started the manufacture of kraft paper at the Riverside Mill, it was found that a considerable market existed for bond papers, made from sulphite pulp. As there was a slight excess of pulp production available, at the Burgess plant, one machine at the

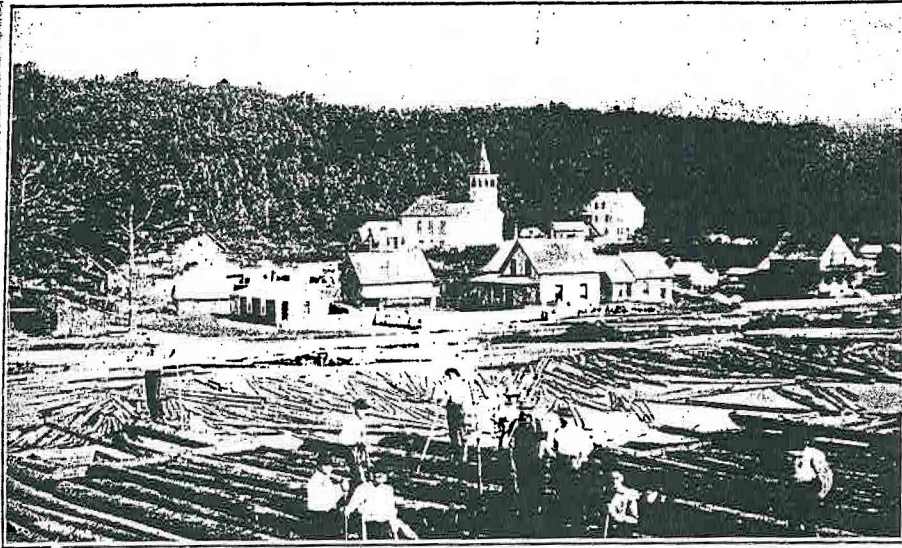
Riverside was used to make this new paper. The manufacture and conversion of the special kraft paper for Nibroc Kraft Towels also centered at the Riverside. In the last year, it has been found expedient to make some runs of towel paper on the large machines at the Cascade Mill. A roll of paper from one of these machines will make 132,000 towels.

The machinery used in paper making is of a heavy type, some of the large rolls in the paper machine weighing fifteen tons each, a whole machine weighing over 500 tons. A large amount of power is necessarily used, over 40,000 electrical horsepower being required by the Berlin plants, in addition to the nearly 20,000 steam horsepower needed in cooking and drying.

Up to 1908, such changes as were made were in the line of principal products, first the addition of pulp, then



EARLY PICTURE OF THE COMPANY HOUSE. ONE OF THE OLDEST FRAME HOUSES NOW STANDING IN BERLIN



SCANDINAVIAN VILLAGE—ABOUT 1890

newsprint, and then the replacement of newsprint with kraft. No by-products were produced although several were under consideration. In 1908, however, the Caustic Soda Plant was built. Its success encouraged the Company to find other ways to increase the production of caustic.

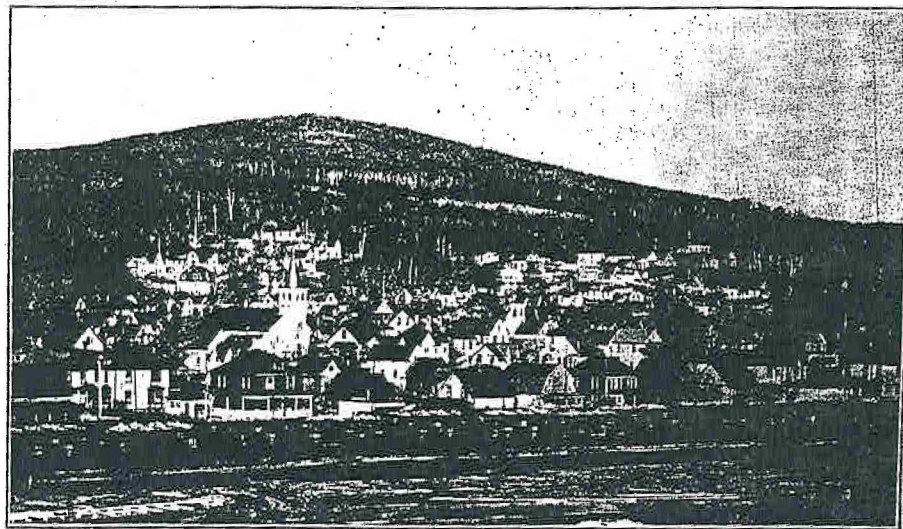
To digress for a moment, it may perhaps be of interest to explain, in a general way, how the various products so far referred to are made. Lumber and its products need no explanation; but some of the others are less well known. The mechanical process is the simplest known method of making wood pulp. The spruce or fir logs are cut into two-foot bolts, and the bark is removed by tumbling a quantity of bolts together in a rotating steel cylinder. The cleaned bolts are placed in a grinder, in which they are forced by hydraulic pressure against a large rotating grindstone, the surface of which is suitably scored to increase the grinding action. In making sulphite pulp, the wood is prepared by cutting into four-foot lengths, removing the bark, and cutting into chips. This last is done on a powerful machine, having heavy knives placed radially in a revolving disc. These knives cut at an angle of about 45 degrees with the grain. The chips are run into large, steel pressure-

tanks or digesters which are very carefully lined with acid-resisting bricks, laid in a special cement. Here they are steamed or cooked under 90 pounds' pressure in the presence of an acid made by passing the fumes from burning sulphur over limestone in the presence of water. This acid is very corrosive in nature; and all the pumps, piping, and digester fittings in contact with the acid, must be of a special bronze composition.

In making sulphate pulp, the wood is prepared and chipped as in making sulphite and is cooked in welded steel digesters, in the presence of a solution originally made by mixing sulphate of soda (commonly called salt cake) with lime. This liquid does not attack iron or steel, so that no lining of the digester is necessary. An efficient recovery system is provided so that the spent liquor may be rejuvenated and used again.

Bleached sulphite is made by treating the raw fibre with either chlorine gas or bleach (a solution of chlorine in milk-of-lime), which oxidizes the coloring matter and leaves the pulp snow-white. The chlorine is made by electrolysis, which consists in passing a direct electrical current through a solution of common salt in what is known as an electrolytic cell. The salt breaks up, chlorine, caustic soda, and hydrogen being produced in certain definite proportions, according to their molecular weights, and coming off at various parts of the cell.

From the original sawmill plant, buying its logs wherever it could get them on the upper Androscoggin, to the present Brown Company and its subsidiaries, is a long step. Throughout this development, the essential character of the enterprise remains unchanged—that is, it has converted trees



SCANDINAVIAN VILLAGE—1927

into pulp and lumber as primary objects; and all of its products are allied directly to these and have been brought along logically and conservatively.

The electrolytic cell produces over a pound of caustic soda for each pound of chlorine made. Now Brown Company White Mountain Brand Caustic Soda was always much in demand from 1908, when it ceased to flow to the river, but no increased quantity of it could be marketed, unless a means of utilizing more bleach could be found. Search was made for other products which require chlorine as a raw material. As a result plants were built to make chloroform (1909), which is useful in purest grades for anæsthesia, and in lower grades for dry cleaning and other solvent purposes; sulphur chlorides (1917), red and yellow, of value in making military poison gas, vulcanizing rubber by the cold process, making factis or artificial rubber, and reacting with carbon bisulphide to form carbon tetrachloride; carbon tetrachloride (1918), which is consumed in dry cleaning and in portable fire-extinguishers of the Pyrene type; liquid chlorine (1921), which is used in water purification, bleaching and sewage disposal; and calcium arsenate (1924), which is required by the cotton grower in districts infested by the boll weevil and army worm. This series of projects also involved the construction of an electric furnace for making carbon bisulphide (1917), from charcoal and sulphur.

In 1914, a plant was built to utilize the last unused by-product of the Electrochemical Plants, hydrogen. This hydrogen had always been allowed to escape into the atmosphere, where it speedily disappeared, but on the completion of the Kream Krisp Plant the hydrogen was brought into contact with vegetable oils in the presence of a catalyzer and hardened the oils to a consistency like that of lard or butter, and allowed them to be used as a shortening or frying agent in all kinds of domestic cookery. The plant was later closed by an injunction obtained by one of the Company's competitors, but after the matter had been carried through the various courts of appeal, the Supreme Court of the United States finally decided in the Company's favor. In

this connection it is interesting to note that for a number of years this was the only patent case that the Supreme Court was willing to hear, and also that Charles Evans Hughes was one of the attorneys who handled the case for the Company. Owing to uncertainty of the supply of raw material, the plant has not been in operation since the decision in the Company's favor, but a source of peanut oil is being developed



AN EARLY PAY ROLL

on the Florida Plantation at Shawano, so that when this is in production a plentiful supply of oil is assured.

During the Great War, about 80% of the Company's products were for war purposes ranging from airplane-spruce requirements to chloroform. It was at this time that the present fibre-conduit plant was built, the original purpose which led to its construction being to make powder containers for the 6-inch

guns. After the war, the plant was idle for a time and later started to make fibre conduit, used to carry underground electric cables. Such is the excellence of this material that it has found a market all over the country as well as in Europe, a full trainload of Bermico Fibre Conduit being recently shipped to Spain.

In 1917, the Berlin Mills Company experienced certain difficulties in marketing its products, owing to prejudice in domestic and many foreign quarters against anything that savored of Germany. The Company decided to change the name to Brown Company. On Nov. 30, 1917, all of the business previously carried on by the Berlin Mills Company and the Burgess Sulphite Fibre Company came under the name of Brown Company. The business in Canada is now done by the Brown Corporation, which succeeded the organizations known as Fitzgerald Land & Lumber Co. and Quebec & St. Maurice Industrial Co.

One of the newest products to be put in the market is Alpha Fibre, a unique material characterized by an extraordinarily high content of alpha cellulose. This brings it into the field formerly completely occupied by cotton fibres, and it is now used largely as a substitute for rags in paper making, and for cotton linters in the manufacture of rayon, and for nitrating plants producing celluloid and its allied products. One use in papermaking is in the manufacture of vulcanizing water-leaf, which when treated with zinc chloride, becomes the so-called "hard fibre" used in electrical insulation, radio work, car wheels, automobile timing gears, etc. It is also finding a place in the manufacture of artificial leather and absorbent specialties. In order to control its products which are sold to outside converters, the Brown Company operates a laboratory nitration unit and a semi-commercial rayon plant. It has also built a 44-inch experimental paper machine, which will perform a similar service for users of paper grades of pulp.

The very latest developments in the field of improved fibres are Nibroc Duracel Fibre and Nibroc Wytek Fibre. Duracel has been evolved to take the

## CENTENNIAL PROGRAM

place of hemp and jute in the manufacture of electrical insulating paper, sandpaper, and superior tag, envelope, and bag papers. Wytek makes papers of superior color and strength.

As the result of its experimental work on artificial leather, Brown Company has just begun to seek a market for its Onco Inner Soles, which were shown for the first time at the Seventh Annual Boston Shoe Style Show, Jan. 2-4 of this year.

While the manufacturing program of the Company has progressed with wonderful speed, the other departments of the business have gone on at a corresponding rate. The woodland resources have been constantly augmented both in the U. S. and Canada until the Company now controls the wood on a territory of four million acres, or more than six thousand square miles. Over thirty boats of various sizes are a part of the woodlands equipment, the last one acquired being an ocean-going steamer, used to transport pulpwood from the Company's limits at Bersimis on the north shore of the St. Lawrence to the car-loading plant at Quebec, a distance of 185 miles. More than 800 standard-gauge freight cars, the larger part in pulpwood service, are owned and operated by its subsidiary company, the Berlin Mills Railroad, which is recognized as a "Common Carrier" by the Interstate Commerce Commission. Between 4,000 and 5,000 men are needed in the woods to produce the 400 thousand cords of wood used every year by the mills, and the supplies necessary for them and for the mechanical equipment used vary in character all the way from condensed milk to Diesel engines. During the past sixty years, the Woods Department has been developed with the same careful attention as the manufacturing departments. Its successive managers have been Lewis T. Brown, 1868-1886; James T. Parker, 1886-1892; O. B. Brown, 1892-1899; and W. R. Brown, 1899-date. Montague Brown was assistant manager in 1907-1908, and D. P. Brown filled this position from 1909 to 1911.

In 1919, Brown Company established its forest nursery in an ideal location, on the north shore of beautiful Cup-suptic Lake, near Oquossoc, Maine.

Originally its purpose was to supply a quarter of a million transplants yearly for the Company's reforestation projects. To-day, its annual product totals four million coniferous trees. Its sales list for this spring includes white pine, Scotch pine, red pine, Mugho pine, Austrian pine, jack pine, white spruce, Norway spruce, Colorado blue spruce, Engelmann spruce, balsam fir and white cedar.

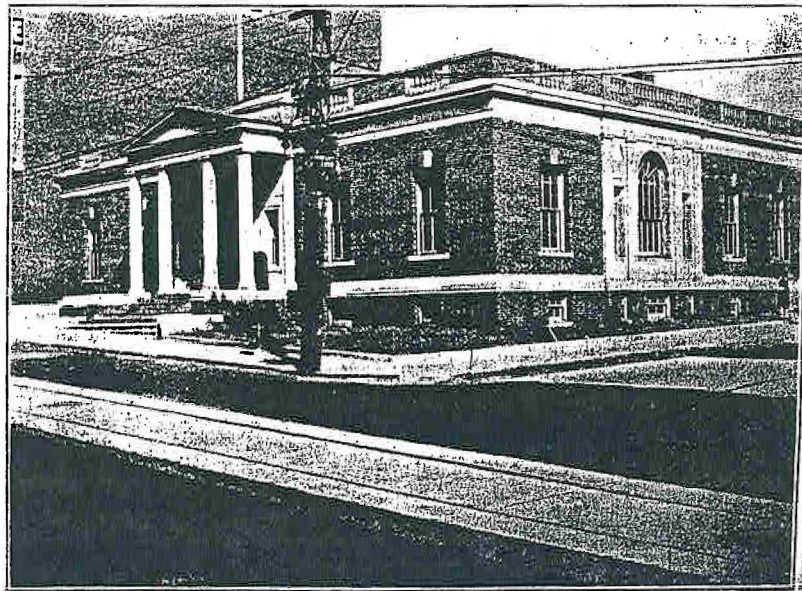
In order to find a market for the hardwood timber, which covers its cut-over lands before the appearance of new coniferous growth, Brown Company has developed a product called "Kemwal." By means of a suitable chemical treatment, the original hardwood gains in strength and in resistance to rot, and takes on the appearance of genuine walnut.

All through its long career, the Company has had an enviable reputation for fair dealing and for the excellence of its products. Every effort is constantly being made to maintain and if possible improve upon this position. A research laboratory, manned by nearly one hundred men, is entirely employed on problems of control and future development, and competent engineering staffs are maintained at Berlin, Quebec, and La Tuque.

The management is vested in the Brown family, four brothers and their sons, being personally in charge of everything connected with its operation. There is no problem of absentee management. The present officers are: President, H. J. Brown; Vice-President and Treasurer, O. B. Brown; Assistant Treasurer, W. R. Brown; and D. P. Brown.

Sales offices are maintained in the larger cities of the country, and from these radiate the lines of approach to all possible users of the Company's products.

It is an organization national in scope. With the character and ability of the men back of it, the enthusiastic interest of its employees, and the high standard which its products must attain before they are allowed to pass to the market, it is not surprising that the modest sawmill started in the backwoods of New Hampshire seventy-seven years ago has grown into a nationally known organization, its manufacturing operations reaching from the snows of Canada to the sands of Florida, enlisting the efforts of nearly nine thousand men, and with a list of assets amounting to over 75 millions of dollars.



FEDERAL POST OFFICE AT BERLIN. BUILT IN 1917

**BROWN CO. TIME LINE**  
provided by Otis Bartlet

- 1851 H. Winslow and Company formed
- 1852 Sawmill Built
- 1853 Boarding House Built  
Company Store Built
- 1865 Berlin Mills RR - connection with Atlantic-St. Lawrence RR  
Grist Mill
- 1866 H. Winslow & Co name changed to Berlin Mills Co.
- 1868 W.W. Brown of Portland ME bought controlling stock  
Established Portland Office
- 1888 Berlin Mills Company incorporated
- 1891 Riverside Mill Built
- 1892 Burgess Sulphite Fiber Co. (also owned by WWBrown later merged with Berlin Mills in 1909)
- 1897 Window Frame Mill Built
- 1902 Chemical Mill Built
- 1903 Cascade Newsprint Mill Built  
Cascade Sulphite Pulp Mill Built
- 1904 Berlin-Shelburne Power Co.
- 1908 Quebec-ST Maurice IND. Co, LaTuque Mill and timberlands
- 1907 LaTuque Kraft Mill under construction
- 1910 LaTuque Kraft Mill in operation
- 1914 Kream Krisp Plant  
Built No. 1 Tube Mill  
Manufactured Kraft Papers
- 1917 Helne Boiler Plant
- 1918 No. 2 Tube Mill
- 1920 Riverside Power House
- 1921 NIBROC Towel Manufactured
- 1923 Maine-NH Timberlands  
Florida Lands
- 1927 ONCO Plant
- 1928 Experimental Paper mill; Artificial Silk (rayon) Mill
- 1930 New Office Building  
Built String Mill

## **APPENDIX C**

### **Regulatory Records Documentation**

## Appendix C

### Environmental Data Resources Database Search Report

#### NHDES Records for Subject Site:

T-1 Transformer Area, selected document

River Sediment, selected documents

Air Quality, selected document

Site Spill Reports, City of Berlin File

Permit Records

#### NHDES Records for Nearby Sites:

Dummer Yard Landfill, selected documents

Other Sites

Fire Department Records

Berlin Water Works Records

Berlin Zoning Department Records

User and Owner Provided Documents

Underground Storage Tank (UST) Closure Records



## **The EDR Radius Map with GeoCheck®**

**Hutchins Street/Napert Street  
Hutchins Street/Napert Street  
Berlin, NH 03570**

**Inquiry Number: 0736317.1r**

**February 18, 2002**

## ***The Source For Environmental Risk Management Data***

**3530 Post Road  
Southport, Connecticut 06490**

### **Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Overview Map.....	2
Detail Map.....	3
Map Findings Summary.....	4
Map Findings.....	5
Orphan Summary.....	26
EPA Waste Codes.....	EPA-1
Government Records Searched/Data Currency Tracking.....	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum.....	A-1
Physical Setting Source Summary.....	A-2
Physical Setting Source Map.....	A-6
Physical Setting Source Map Findings.....	A-7
Physical Setting Source Records Searched.....	A-12

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### Disclaimer

#### Copyright and Trademark Notice

*This report contains information obtained from a variety of public and other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.*

*Entire contents copyright 2001 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.*

*EDR and the edr logos are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.*

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

HUTCHINS STREET/NAPERT STREET  
BERLIN, NH 03570

#### COORDINATES

Latitude (North): 44.473400 - 44° 28' 24.2"  
Longitude (West): 71.165800 - 71° 9' 56.9"  
Universal Transverse Mercator: Zone 19  
UTM X (Meters): 327739.7  
UTM Y (Meters): 4926519.5

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2444071-D2 BERLIN, NH  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BROWN NH INC RIVERSIDE DAM 650 MAIN ST BERLIN, NH 03570	RCRIS-SQG	NHD000650077
BROWN NH INC SAW MILL HYDRO STATION 650 MAIN ST BERLIN, NH 03570	RCRIS-SQG	NHD000649608
BERLIN MILLS RAILWAY INC 650 MAIN ST BERLIN, NH 03570	RCRIS-SQG FINDS	NHD056329360
BROWN NH RIVERSIDE HYDRO STATION 650 MAIN ST BERLIN, NH 03570	RCRIS-SQG	NHD000650135
FLOCK PLANT AREA, 650 MAIN ST. FLOCK PLANT AREA, 650 MAIN ST. BERLIN, NH 03570	ERNS	N/A
FLOCK PLANT AREA 650 MAIN ST FLOCK PLANT AREA 650 MAIN ST BERLIN, NH	ERNS	N/A
650 MAIN STREET 650 MAIN STREET BERLIN, NH	ERNS	N/A

## EXECUTIVE SUMMARY

650 MAIN ST 650 MAIN ST BERLIN, NH	ERNS	N/A
650 MAIN ST 650 MAIN ST BERLIN, NH 43570	ERNS	N/A
650 MAIN ST 650 MAIN ST BERLIN, NH	ERNS	N/A
650 MAIN STREET 650 MAIN STREET BERLIN, NH	ERNS	N/A
650 MAIN STREET 650 MAIN STREET BERLIN, NH	ERNS	N/A
FORMER CROWN VANTAGE 650 MAIN STREET BERLIN, NH	SHWS	N/A
650 MAIN ST 650 MAIN ST BERLIN, NH	ERNS	N/A

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
CORRACTS.....	Corrective Action Report
RCRIS-TSD.....	Resource Conservation and Recovery Information System

### STATE ASTM STANDARD

SWF/LF.....	Municipal Solid Waste & Ash Landfills
-------------	---------------------------------------

### FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System

## EXECUTIVE SUMMARY

MINES..... Mines Master Index File  
NPL Liens..... Federal Superfund Liens  
RAATS..... RCRA Administrative Action Tracking System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

### STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Registered Aboveground Petroleum Storage Tank Database  
LAST..... Listing of All Sites

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there is 1 RCRIS-LQG site within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>PULP PAPER OF AMERICA LLC</i></b>	<b><i>UNITY ST</i></b>	<b><i>0 - 1/8</i></b>	<b><i>A15</i></b>	<b><i>7</i></b>

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 4 RCRIS-SQG sites within approximately 0.75 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>SHERWIN WILLIAMS CO</i></b>	<b><i>162 MAIN ST</i></b>	<b><i>1/4 - 1/2 WNW C20</i></b>		<b><i>13</i></b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>NEW ENGLAND TELEPHONE CENTRAL</b>	<b>HIGH EMERY STS</b>	<b>1/2 - 1 W</b>	<b>E32</b>	<b>21</b>
<b>CUMBERLAND FARMS 2835</b>	<b>173 MAIN MASON STS</b>	<b>1/2 - 1 WSW</b>	<b>34</b>	<b>22</b>
<b>BERLIN FOUNDRY MACHINE CO</b>	<b>489 GOEBEL ST</b>	<b>1/2 - 1 SW</b>	<b>F36</b>	<b>23</b>

### STATE ASTM STANDARD

**SHWS:** The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Services' Hazardous Waste Inventory list.

A review of the SHWS list, as provided by EDR, has revealed that there are 3 SHWS sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CUMBERLAND FARMS #2835</b>	<b>173 MAIN STREET</b>	<b>1/4 - 1/2 WNW</b>	<b>B18</b>	<b>10</b>
<b>FORMER RESEARCH &amp; DEVELOPMENT</b>	<b>961 MAIN STREET</b>	<b>1/2 - 1 N</b>	<b>38</b>	<b>25</b>
<b>KENTUCKY FRIED CHICKEN</b>	<b>4 HILLSIDE AVE</b>	<b>1/2 - 1 W</b>	<b>G40</b>	<b>25</b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Services' LUST Sites Summary Report.

A review of the LUST list, as provided by EDR, and dated 12/01/2001 has revealed that there are 5 LUST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BLANCHETTE'S GARAGE</b>	<b>300 COOS ST</b>	<b>1/4 - 1/2 SSW</b>	<b>D24</b>	<b>15</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CUMBERLAND FARMS #2835</b>	<b>173 MAIN STREET</b>	<b>1/4 - 1/2 WNW</b>	<b>B18</b>	<b>10</b>
<b>LEON'S GARAGE</b>	<b>325 MAIN STREET</b>	<b>1/4 - 1/2 NW</b>	<b>B21</b>	<b>13</b>
<b>RED'S MOBIL</b>	<b>879 MAIN STREET</b>	<b>1/2 - 1 N</b>	<b>37</b>	<b>25</b>
<b>SCORPION DISTRIBUTION</b>	<b>51 WILLOW ST</b>	<b>1/2 - 1 W</b>	<b>G39</b>	<b>25</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Services' list: Underground Storage Tank Registration Data.

A review of the UST list, as provided by EDR, and dated 01/03/2002 has revealed that there are 15 UST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FRANKS VILLAGE STORE</b>	<b>1422 HUTCHINS ST</b>	<b>1/4 - 1/2 NNE</b>	<b>16</b>	<b>9</b>
<b>BLANCHETTE'S GARAGE</b>	<b>300 COOS ST</b>	<b>1/4 - 1/2 SSW</b>	<b>D25</b>	<b>15</b>
<b>GUARDIAN ANGEL PARISH</b>	<b>593 SULLIVAN ST</b>	<b>1/4 - 1/2 SW</b>	<b>27</b>	<b>18</b>
<b>MORRIS BUILDING CENTER</b>	<b>1752 HUTCHINS ST</b>	<b>1/2 - 1 N</b>	<b>29</b>	<b>19</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NORMS MOBIL	540 ENMAN HILL RD	1/2 - 1 S	30	19
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MET LIFE BUILDING	255 MAIN ST	1/4 - 1/2WNW B17		10
<b>CUMBERLAND FARMS #2835</b>	<b>173 MAIN STREET</b>	<b>1/4 - 1/2WNW B18</b>		<b>10</b>
CITY HALL	168 MAIN ST	1/4 - 1/2WNW B19		12
LEON'S GARAGE	325 MAIN STREET	1/4 - 1/2NW B22		13
TRI COUNTY COMMUNITY ACTION	121 MAIN ST	1/4 - 1/2WNW C23		15
SAMS VARIETY	199 COOS ST	1/4 - 1/2 SW	26	17
ST ANNES CHURCH	58 CHURCH ST	1/2 - 1 W	31	20
<b>NEW ENGLAND TELEPHONE CENTRAL</b>	<b>HIGH EMERY STS</b>	<b>1/2 - 1 W</b>	<b>E32</b>	<b>21</b>
ST BARNABAS CHURCH	85 HIGH ST	1/2 - 1 W	E33	22
BERLIN FOUNDRY & MACHINE CO	489 GOBEL ST	1/2 - 1 SW	F35	23

### FEDERAL ASTM SUPPLEMENTAL

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 10/29/2001 has revealed that there are 2 FINDS sites within approximately 0.5 miles of the target property.

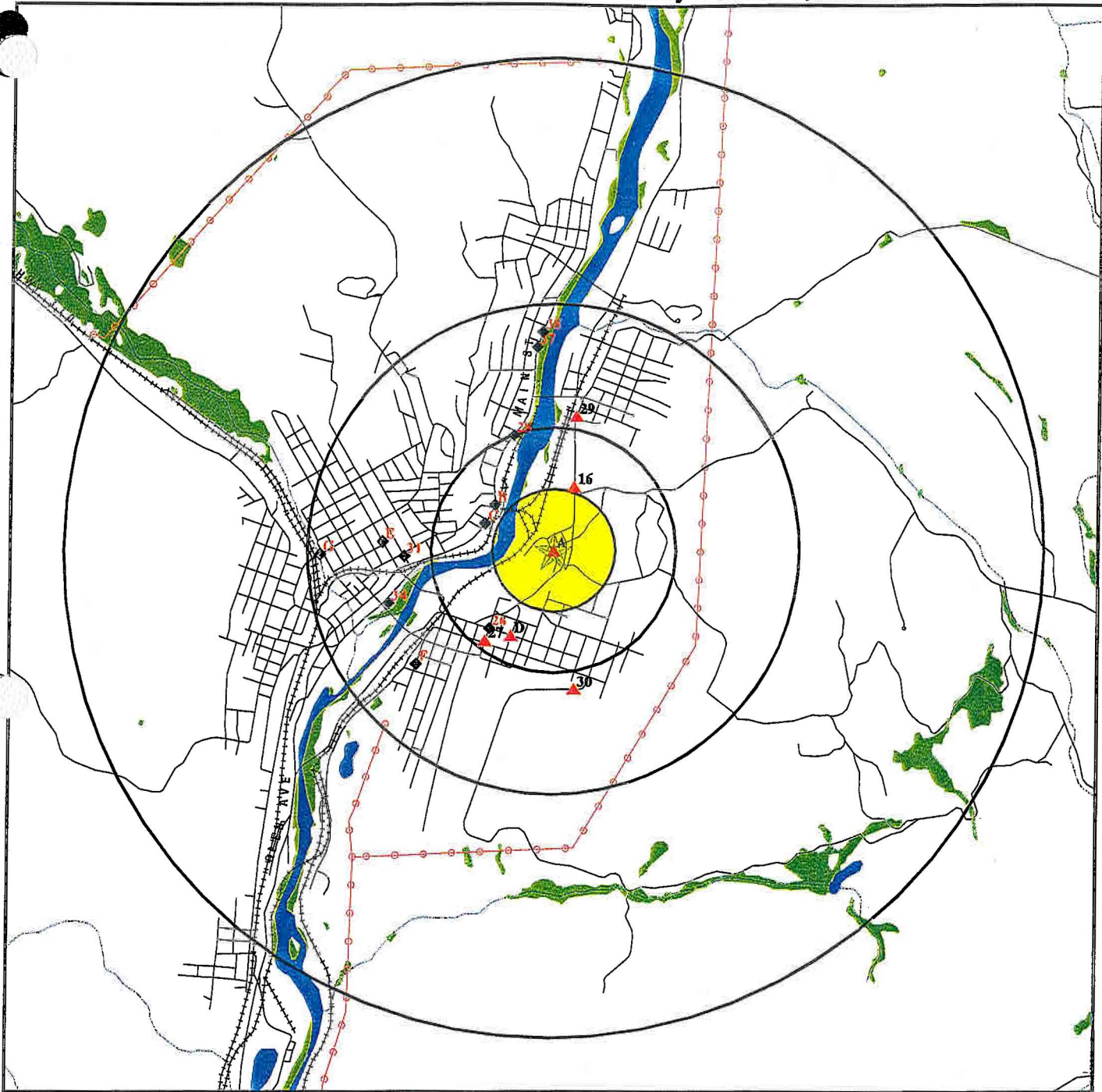
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PULP PAPER OF AMERICA LLC</b>	<b>UNITY ST</b>	<b>0 - 1/8</b>	<b>A15</b>	<b>7</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SHERWIN WILLIAMS CO</b>	<b>162 MAIN ST</b>	<b>1/4 - 1/2WNW C20</b>		<b>13</b>

**PADS:** The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 09/30/2001 has revealed that there is 1 PADS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PULP PAPER OF AMERICA LLC</b>	<b>UNITY ST</b>	<b>0 - 1/8</b>	<b>A15</b>	<b>7</b>

# OVERVIEW MAP - 0736317.1r - Haley & Aldrich, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites



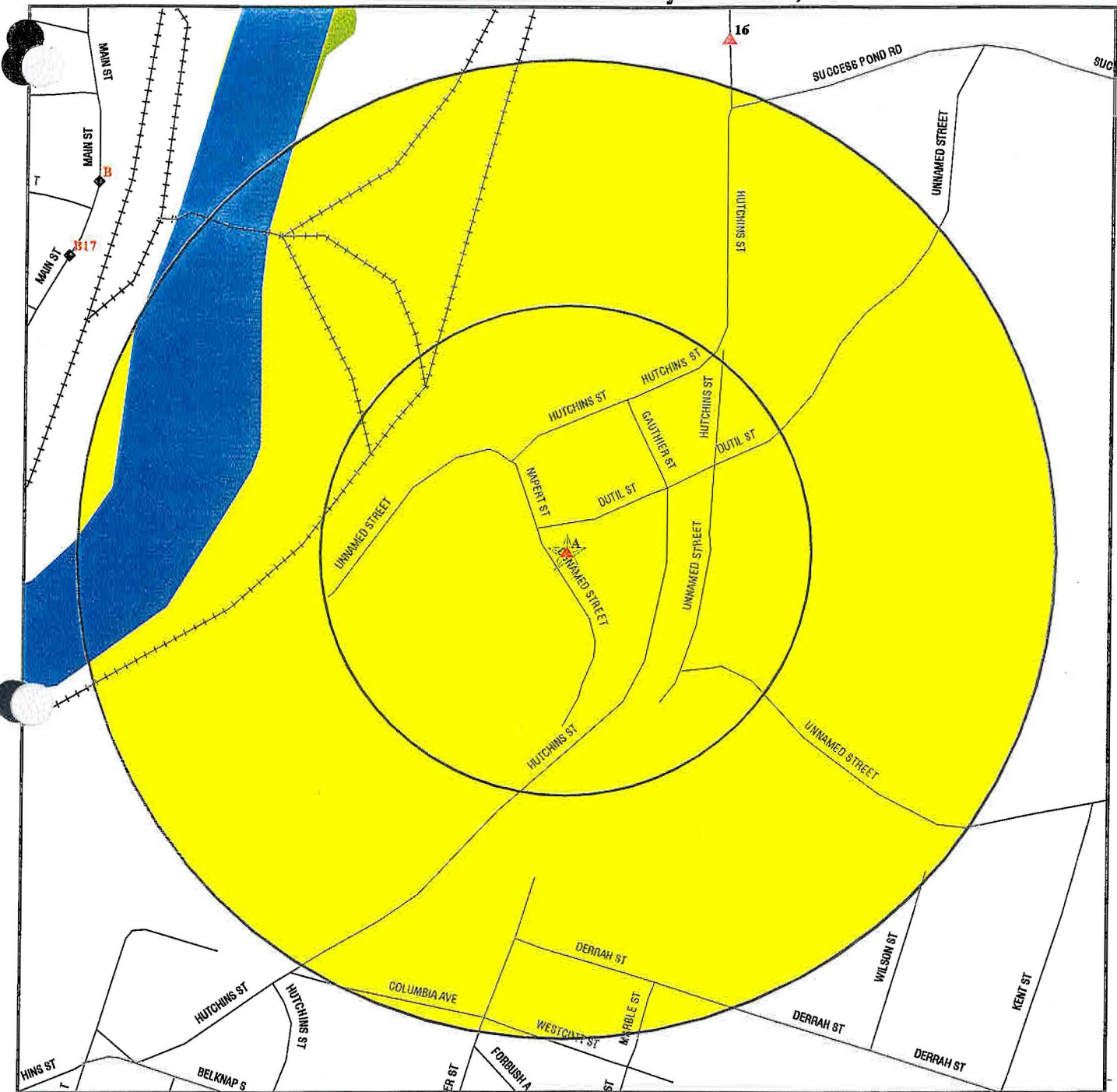
- Power transmission lines
- Oil & Gas pipelines
- Wetlands



**TARGET PROPERTY:** Hutchins Street/Napert Street  
**ADDRESS:** Hutchins Street/Napert Street  
**CITY/STATE/ZIP:** Berlin NH 03570  
**LAT/LONG:** 44.4734 / 71.1658

**CUSTOMER:** Haley & Aldrich, Inc.  
**CONTACT:** Nathaniel Keith  
**INQUIRY #:** 0736317.1r  
**DATE:** February 18, 2002 7:17 pm

# DETAIL MAP - 0736317.1r - Haley & Aldrich, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ⚡ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Landfill Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- 🌿 Wetlands

TARGET PROPERTY: Hutchins Street/Napert Street  
 ADDRESS: Hutchins Street/Napert Street  
 CITY/STATE/ZIP: Berlin NH 03570  
 LAT/LONG: 44.4734 / 71.1658

CUSTOMER: Haley & Aldrich, Inc.  
 CONTACT: Nathaniel Keith  
 INQUIRY #: 0736317.1r  
 DATE: February 18, 2002 7:17 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.750	1	0	0	0	NR	1
RCRIS Sm. Quan. Gen.	X	0.750	0	0	1	3	NR	4
ERNS	X	0.500	0	0	0	NR	NR	0

### **STATE ASTM STANDARD**

State Haz. Waste	X	1.500	0	0	1	2	0	3
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	3	2	NR	5
UST		0.750	0	0	9	6	NR	15

### **FEDERAL ASTM SUPPLEMENTAL**

CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
FINDS	X	0.500	1	0	1	NR	NR	2
HMIRS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
NPL Liens		0.500	0	0	0	NR	NR	0
PADS		0.500	1	0	0	NR	NR	1
RAATS		0.500	0	0	0	NR	NR	0
TRIS		0.500	1	0	0	NR	NR	1
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0

### **STATE OR LOCAL ASTM SUPPLEMENTAL**

AST		0.500	0	0	0	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
NH Spills		0.500	0	0	1	NR	NR	1

### **EDR PROPRIETARY HISTORICAL DATABASES**

Coal Gas		1.500	0	0	0	0	0	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1  
Target BROWN NH INC RIVERSIDE DAM  
Property 650 MAIN ST  
BERLIN, NH 03570

RCRIS-SQG 1000832630  
NHD000650077

Site 1 of 15 in cluster A

RCRIS:

Owner: BROWN NEW HAMPSHIRE INC  
(603) 752-4600

Contact: RAYMOND DANFORTH  
(603) 752-4600

Record Date: 08/18/1980

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

A2  
Target BROWN NH INC SAW MILL HYDRO STATION  
Property 650 MAIN ST  
BERLIN, NH 03570

RCRIS-SQG 1000832629  
NHD000649608

Site 2 of 15 in cluster A

RCRIS:

Owner: BROWN NEW HAMPSHIRE INC  
(603) 752-4600

Contact: RAYMOND DANFORTH  
(603) 752-4600

Record Date: 08/18/1980

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

A3  
Target BERLIN MILLS RAILWAY INC  
Property 650 MAIN ST  
BERLIN, NH 03570

RCRIS-SQG 1000832669  
FINDS NHD056329360

Site 3 of 15 in cluster A

RCRIS:

Owner: BERLIN MILLS RAILWAY INC  
(603) 752-4600

Contact: RAYMOND DANFORTH  
(603) 752-4600

Record Date: 08/18/1980

Classification: Small Quantity Generator

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERLIN MILLS RAILWAY INC (Continued)**

1000832669

Used Oil Recyc: No

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)  
Enforcement Docket System (DOCKET)  
Facility Registry System (FRS)  
National Compliance Database (NCDB)  
National Emissions Trends (NET)  
National Toxics Inventory (NTI)  
Permit Compliance System (PCS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

A4  
Target  
Property

**BROWN NH RIVERSIDE HYDRO STATION**  
650 MAIN ST  
BERLIN, NH 03570

RCRIS-SQG 1000832631  
NHD000650135

Site 4 of 15 in cluster A

**RCRIS:**

Owner: BROWN NEW HAMPSHIRE INC  
(603) 752-4600

Contact: RAYMOND DANFORTH  
(603) 752-4600

Record Date: 08/18/1980

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

A5  
Target  
Property

**FLOCK PLANT AREA, 650 MAIN ST.**  
FLOCK PLANT AREA, 650 MAIN ST.  
BERLIN, NH 03570

ERNS 92424556  
N/A

Site 5 of 15 in cluster A

A6  
Target  
Property

**FLOCK PLANT AREA 650 MAIN ST**  
FLOCK PLANT AREA 650 MAIN ST  
BERLIN, NH

ERNS 92293873  
N/A

Site 6 of 15 in cluster A

A7  
Target  
Property

**650 MAIN STREET**  
650 MAIN STREET  
BERLIN, NH

ERNS 91231314  
N/A

Site 7 of 15 in cluster A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
A8					650 MAIN ST	ERNS	96497483	
Target					650 MAIN ST		N/A	
Property					BERLIN, NH			
Site 8 of 15 in cluster A								
A9					650 MAIN ST	ERNS	93335142	
Target					650 MAIN ST		N/A	
Property					BERLIN, NH 43570			
Site 9 of 15 in cluster A								
A10					650 MAIN ST	ERNS	96510309	
Target					650 MAIN ST		N/A	
Property					BERLIN, NH			
Site 10 of 15 in cluster A								
A11					650 MAIN STREET	ERNS	93312926	
Target					650 MAIN STREET		N/A	
Property					BERLIN, NH			
Site 11 of 15 in cluster A								
A12					650 MAIN STREET	ERNS	90188568	
Target					650 MAIN STREET		N/A	
Property					BERLIN, NH			
Site 12 of 15 in cluster A								
A13					FORMER CROWN VANTAGE	SHWS	S104732553	
Target					650 MAIN STREET		N/A	
Property					BERLIN, NH			
Site 13 of 15 in cluster A								
SHWS:								
Facility ID: 199709046								
Proj Type: HAZWASTE								
No. of Permits: 0								
Project Manager: BASTIEN								
A14					650 MAIN ST	ERNS	96496764	
Target					650 MAIN ST		N/A	
Property					BERLIN, NH			
Site 14 of 15 in cluster A								
A15					PULP PAPER OF AMERICA LLC	PADS	1000221405	
					UNITY ST	FINDS	03570JMSRV65	
< 1/8					BERLIN, NH 03570	RCRIS-LQG		
1						TRIS		
Higher					Site 15 of 15 in cluster A			

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PULP PAPER OF AMERICA LLC (Continued)

1000221405

RCRIS:

Owner: AMERICAN TISSUE CORP  
(516) 435-9000

Contact: RAYMOND DANFORTH  
(603) 752-4600

Record Date: 05/19/1999

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	1.00	D002	12.00
D007	0.00	D009	327.00

Used Oil Recyc: Yes

Violation Status: Violations exist, high priority violator

Regulation Violated: Not reported  
Area of Violation: Generator-Land Ban Requirements  
Date Violation Determined: 12/28/1993  
Priority of Violation: High  
Schedule Date to Achieve Compliance: 06/16/1995  
Actual Date Achieved Compliance: 05/16/1995

Enforcement Action: Consent Decrees  
Enforcement Action Date: 05/16/1995  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: \$ 20,000.00

Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 03/28/1989  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: 03/16/1990  
Actual Date Achieved Compliance: 07/25/1991

Enforcement Action: Final Formal 3008(a) Compliance Order  
Enforcement Action Date: 01/04/1990  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: Not reported

Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 03/28/1989  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: 03/16/1990  
Actual Date Achieved Compliance: 07/25/1991

Enforcement Action: Final Formal 3008(a) Compliance Order  
Enforcement Action Date: 01/04/1990  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: Not reported

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection (CEI)	Generator-Land Ban Requirements	05/16/1995
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/25/1991
	Generator-All Requirements	07/25/1991

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

PULP PAPER OF AMERICA LLC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000221405

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Biennial Reporting System (BRS)

Enforcement Docket System (DOCKET)

Facility Registry System (FRS)

PCB Handler Activity Data System (PADS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

16  
NNE  
1/4-1/2  
1445  
Higher

FRANKS VILLAGE STORE  
1422 HUTCHINS ST  
BERLIN, NH 03570

UST U001556599  
N/A

UST:

Facility ID: 0112137  
Install Date: 10/01/1983  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 6280  
Owner: MUNCES SUPERIOR INC  
620 MAIN ST  
GORHAM, NH 03581

Tank ID: 1  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 10/17/1989  
Permanent Closure Analysis: 12/20/1989

Facility ID: 0112137  
Install Date: 10/01/1983  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 3000  
Owner: MUNCES SUPERIOR INC  
620 MAIN ST  
GORHAM, NH 03581

Tank ID: 2  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 10/17/1989  
Permanent Closure Analysis: 12/20/1989

Facility ID: 0112137  
Install Date: 10/01/1983  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 2000  
Owner: MUNCES SUPERIOR INC  
620 MAIN ST

Tank ID: 4  
Last Test: Not reported  
Closure Type: Removed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

FRANKS VILLAGE STORE (Continued)

U001556599

GORHAM, NH 03581

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 10/17/1989  
Permanent Closure Analysis: 12/20/1989

Facility ID: 0112137  
Install Date: 10/01/1983  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 2000  
Owner: MUNCES SUPERIOR INC  
620 MAIN ST  
GORHAM, NH 03581

Tank ID: 3  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 10/17/1989  
Permanent Closure Analysis: 12/20/1989

B17    MET LIFE BUILDING  
WNW    255 MAIN ST  
1/4-1/2    BERLIN, NH 03570  
1566  
Lower    Site 1 of 5 in cluster B

UST    U001555801  
N/A

UST:

Facility ID: 0110700  
Install Date: 01/01/1978  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 10000  
Owner: THERESE ROUSSEAU  
150 ENMAN HILL RD  
BERLIN, NH 03570

Tank ID: 1  
Last Test: Not reported  
Closure Type: Filled in Place

Lust Tracking Number: 199101  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 05/12/1992  
Permanent Closure Analysis: 08/25/1992

B18    CUMBERLAND FARMS #2835  
WNW    173 MAIN STREET  
1/4-1/2    BERLIN, NH 03570  
1583  
Lower    Site 2 of 5 in cluster B

SHWS    U003187473  
LUST    N/A  
UST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CUMBERLAND FARMS #2835 (Continued)

U003187473

SHWS:

Facility ID: 199309002  
Proj Type: HAZWASTE  
No. of Permits: 0  
Project Manager: CLOSED

LUST:

Facility ID: 199309002  
Project Type: LUST  
Project Mngr: CLOSED  
No. of Permits: 0

UST:

Facility ID: 0111511  
Install Date: 01/01/1971  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 10000  
Owner: CUMBERLAND FARMS INC  
777 DEDHAM ST  
CANTON, MA 02021  
Lust Tracking Number: 199309  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/08/1993  
Permanent Closure Analysis: 07/30/1993

Tank ID: 1  
Last Test: 09/24/1991  
Closure Type: Removed

Facility ID: 0111511  
Install Date: 01/01/1971  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 10000  
Owner: CUMBERLAND FARMS INC  
777 DEDHAM ST  
CANTON, MA 02021

Tank ID: 2  
Last Test: 09/24/1991  
Closure Type: Removed

Lust Tracking Number: 199309  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/08/1993  
Permanent Closure Analysis: 07/30/1993

Facility ID: 0111511  
Install Date: 01/01/1971  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 10000  
Owner: CUMBERLAND FARMS INC  
777 DEDHAM ST  
CANTON, MA 02021  
Lust Tracking Number: 199309

Tank ID: 3  
Last Test: 09/24/1991  
Closure Type: Removed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2835 (Continued)**

**U003187473**

Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/08/1993  
Permanent Closure Analysis: 07/30/1993

Facility ID: 0111511  
Install Date: 11/11/1911  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 1000  
Owner: CUMBERLAND FARMS INC  
777 DEDHAM ST  
CANTON, MA 02021

Tank ID: 5  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 199309  
Type of Tank Construction: Steel  
Type of Pipe Construction: Unknown  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/14/1994  
Permanent Closure Analysis: 05/31/1995

Facility ID: 0111511  
Install Date: 11/11/1911  
Close Date: Not reported  
Chemical: Used oil  
Capacity (gal): 550  
Owner: CUMBERLAND FARMS INC  
777 DEDHAM ST  
CANTON, MA 02021

Tank ID: 4  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 199309  
Type of Tank Construction: Unknown  
Type of Pipe Construction: Unknown  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/14/1994  
Permanent Closure Analysis: 05/31/1995

**B19    CITY HALL**  
**WNW    168 MAIN ST**  
**1/4-1/2    BERLIN, NH 03570**  
**1585**  
**Lower    Site 3 of 5 in cluster B**

**UST    U000348198**  
**N/A**

**UST:**

Facility ID: 0111624  
Install Date: 01/01/1964  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 6670  
Owner: CITY OF BERLIN  
168 MAIN ST

Tank ID: 1  
Last Test: Not reported  
Closure Type: Filled In Place

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY HALL (Continued)**

**U000348198**

BERLIN, NH 03570

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Unknown  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 08/19/1992  
Permanent Closure Analysis: 12/22/1992

C20  
WNW  
1/4-1/2  
1590  
Lower

**SHERWIN WILLIAMS CO**  
**162 MAIN ST**  
**BERLIN, NH 03570**

**RCRIS-SQG 1000832637**  
**FINDS NHD000791277**

Site 1 of 2 in cluster C

**RCRIS:**

Owner: SHERWIN WILLIAMS  
(603) 555-1212  
Contact: H-B WILLIAMS-JR  
(603) 555-1212

Record Date: 08/18/1980  
Classification: Small Quantity Generator  
Used Oil Recyc: No

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

B21  
NW  
1/4-1/2  
1612  
Lower

**LEON'S GARAGE**  
**325 MAIN STREET**  
**BERLIN, NH**

**LUST S102009430**  
**N/A**

Site 4 of 5 in cluster B

**LUST:**

Facility ID: 199601016  
Project Type: LUST  
Project Mngr: UNASSIGNED  
No. of Permits: 0

B22  
NW  
1/4-1/2  
1612  
Lower

**LEON'S GARAGE**  
**325 MAIN STREET**  
**BERLIN, NH 03570**

**UST U003083345**  
**N/A**

Site 5 of 5 in cluster B

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

LEON'S GARAGE (Continued)

U003083345

UST:

Facility ID: 0220020  
Install Date: 01/01/1969  
Close Date: 02/01/1987  
Chemical: Gasoline.  
Capacity (gal): 1000  
Owner: ARTHUR J KING  
3020 JERICHO RD  
BERLIN, NH 03570

Tank ID: 1  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 199601  
Type of Tank Construction: Steel  
Type of Pipe Construction: Unknown  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 11/02/1995  
Permanent Closure Analysis: 11/27/1995

Facility ID: 0220020  
Install Date: 01/01/1969  
Close Date: 04/01/1979  
Chemical: Empty  
Capacity (gal): 2000  
Owner: ARTHUR J KING  
3020 JERICHO RD  
BERLIN, NH 03570

Tank ID: 3  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 199601  
Type of Tank Construction: Steel  
Type of Pipe Construction: Unknown  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 11/02/1995  
Permanent Closure Analysis: 11/27/1995

Facility ID: 0220020  
Install Date: 01/01/1969  
Close Date: 02/01/1987  
Chemical: Gasoline.  
Capacity (gal): 1000  
Owner: ARTHUR J KING  
3020 JERICHO RD  
BERLIN, NH 03570

Tank ID: 2  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 199601  
Type of Tank Construction: Steel  
Type of Pipe Construction: Unknown  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 11/02/1995  
Permanent Closure Analysis: 11/27/1995

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

C23 TRI COUNTY COMMUNITY ACTION  
WNW 121 MAIN ST  
1/4-1/2 BERLIN, NH 03570  
1616  
Lower Site 2 of 2 in cluster C

UST U003083210  
N/A

UST:

Facility ID:	0111444	Tank ID:	1
Install Date:	11/11/1911	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Filled In Place
Chemical:	#2 heating oil.		
Capacity (gal):	10000		
Owner:	TRI COUNTY COMMUNITY ACTION 30 EXCHANGE ST BERLIN, NH 03570		
Lust Tracking Number:	198709		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Unknown		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	05/21/1999		
Permanent Closure Analysis:	06/30/1999		

D24 BLANCHETTE'S GARAGE  
SSW 300 COOS ST  
1/4-1/2 BERLIN, NH  
2047  
Higher Site 1 of 2 in cluster D

LUST S104325003  
N/A

LUST:

Facility ID: 198904028  
Project Type: LUST  
Project Mngr: UNASSIGNED  
No. of Permits: 0

D25 BLANCHETTE'S GARAGE  
SSW 300 COOS ST  
1/4-1/2 BERLIN, NH 03570  
2047  
Higher Site 2 of 2 in cluster D

UST U001556670  
N/A

UST:

Facility ID:	0112288	Tank ID:	1
Install Date:	01/01/1979	Last Test:	02/09/1988
Close Date:	Not reported	Closure Type:	Removed
Chemical:	Gasoline.		
Capacity (gal):	4000		
Owner:	BLANCHETTES GARAGE INC 300 COOS ST BERLIN, NH 03570		
Lust Tracking Number:	198904		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Steel		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	06/03/1994		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BLANCHETTE'S GARAGE (Continued)**

**U001556670**

Permanent Closure Analysis: 06/29/1994

Facility ID:	0112288	Tank ID:	5
Install Date:	10/11/1988	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Not reported
Chemical:	Gasoline.		
Capacity (gal):	3000		
Owner:	BLANCHETTES GARAGE INC		
	300 COOS ST		
	BERLIN, NH 03570		
Lust Tracking Number:	198904		
Type of Tank Construction:	Steel, corrosion protected		
Type of Pipe Construction:	Fiberglass		
Double Wall Construction:	Yes		
Spill Installed:	10/11/1988		
Overfill:	10/11/1988		
Line Leak Detection:	Not reported		
Permanent Closure:	Not reported		
Permanent Closure Analysis:	Not reported		

Facility ID:	0112288	Tank ID:	4
Install Date:	11/11/1911	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Removed
Chemical:	Diesel.		
Capacity (gal):	10000		
Owner:	BLANCHETTES GARAGE INC		
	300 COOS ST		
	BERLIN, NH 03570		
Lust Tracking Number:	198904		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Unknown		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	10/01/1988		
Permanent Closure Analysis:	Not reported		

Facility ID:	0112288	Tank ID:	3
Install Date:	11/11/1911	Last Test:	02/10/1988
Close Date:	Not reported	Closure Type:	Removed
Chemical:	Gasoline.		
Capacity (gal):	2000		
Owner:	BLANCHETTES GARAGE INC		
	300 COOS ST		
	BERLIN, NH 03570		
Lust Tracking Number:	198904		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Unknown		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	10/01/1988		
Permanent Closure Analysis:	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BLANCHETTE'S GARAGE (Continued)

U001556670

Facility ID: 0112288 Tank ID: 2  
Install Date: 01/01/1976 Last Test: 02/09/1988  
Close Date: Not reported Closure Type: Removed  
Chemical: Gasoline.  
Capacity (gal): 4000  
Owner: BLANCHETTES GARAGE INC  
300 COOS ST  
BERLIN, NH 03570  
Lust Tracking Number: 198904  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 06/03/1994  
Permanent Closure Analysis: 06/29/1994

26 SAMS VARIETY  
SW 199 COOS ST  
1/4-1/2 BERLIN, NH 03570  
2169  
Lower

UST U003083343  
N/A

UST:

Facility ID: 0118033 Tank ID: 1  
Install Date: 01/01/1980 Last Test: Not reported  
Close Date: Not reported Closure Type: Removed  
Chemical: Gasoline.  
Capacity (gal): 1000  
Owner: RICHARD E GARNEAU  
199 COOS ST  
BERLIN, NH 03570  
Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 08/01/1986  
Permanent Closure Analysis: Not reported

Facility ID: 0118033 Tank ID: 2  
Install Date: 01/01/1980 Last Test: Not reported  
Close Date: Not reported Closure Type: Removed  
Chemical: Gasoline.  
Capacity (gal): 1000  
Owner: RICHARD E GARNEAU  
199 COOS ST  
BERLIN, NH 03570  
Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SAMS VARIETY (Continued)**

U003083343

Permanent Closure: 08/01/1986  
Permanent Closure Analysis: Not reported

27  
SW  
1/4-1/2  
2432  
Higher

**GUARDIAN ANGEL PARISH**  
**593 SULLIVAN ST**  
**BERLIN, NH 03570**

UST U001556514  
N/A

UST:

Facility ID: 0111976  
Install Date: 06/22/1967  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 10000  
Owner: DIOCESE OF MANCHESTER  
PO BOX 310  
MANCHESTER, NH 03105

Tank ID: 1  
Last Test: 08/21/1987  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Copper  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 09/29/1994  
Permanent Closure Analysis: 10/26/1994

Facility ID: 0111976  
Install Date: 01/01/1960  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 6000  
Owner: DIOCESE OF MANCHESTER  
PO BOX 310  
MANCHESTER, NH 03105

Tank ID: 2  
Last Test: 08/21/1987  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Copper  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 10/05/1987  
Permanent Closure Analysis: Not reported

28  
NNW  
1/4-1/2  
2630  
Lower

**PORTLAND GLASS**  
**569 MAIN STREET**  
**BERLIN, NH**

NH Spills S102828198  
N/A

NH SPILL:

Facility ID: 199711009  
Project Type: SPILL/RLS  
No. of Permits: 0  
Project Manager: CLOSED

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

29 MORRIS BUILDING CENTER  
North 1752 HUTCHINS ST  
1/2-1 BERLIN, NH 03570  
2925  
Higher

UST U003172671  
N/A

UST:

Facility ID:	0114980	Tank ID:	1
Install Date:	11/11/1911	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Removed
Chemical:	#2 heating oil.		
Capacity (gal):	4000		
Owner:	A N MORRIS PARTNERSHIP PO BOX 661 GLEN, NH 03838		
Lust Tracking Number:	199702		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Copper		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	01/24/1997		
Permanent Closure Analysis:	02/10/1997		

30 NORMS MOBIL  
South 540 ENMAN HILL RD  
1/2-1 BERLIN, NH 03570  
3035  
Higher

UST U003083278  
N/A

UST:

Facility ID:	0113678	Tank ID:	1
Install Date:	01/01/1966	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Removed
Chemical:	Gasoline.		
Capacity (gal):	5000		
Owner:	NORMAND J POULIN 540 ENMAN HILL RD BERLIN, NH 03570		
Lust Tracking Number:	198603		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Steel		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	07/01/1989		
Permanent Closure Analysis:	Not reported		

Facility ID:	0113678	Tank ID:	2
Install Date:	01/01/1966	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Removed
Chemical:	Gasoline.		
Capacity (gal):	5000		
Owner:	NORMAND J POULIN 540 ENMAN HILL RD BERLIN, NH 03570		
Lust Tracking Number:	198603		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Steel		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**NORMS MOBIL (Continued)**

**U003083278**

Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/01/1989  
Permanent Closure Analysis: Not reported

Facility ID: 0113678  
Install Date: 01/01/1966  
Close Date: Not reported  
Chemical: Gasoline.  
Capacity (gal): 10000  
Owner: NORMAND J POULIN  
540 ENMAN HILL RD  
BERLIN, NH 03570

Tank ID: 3  
Last Test: Not reported  
Closure Type: Removed

Lust Tracking Number: 198603  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 07/01/1989  
Permanent Closure Analysis: Not reported

31  
West  
1/2-1  
3212  
Lower

**ST ANNES CHURCH  
58 CHURCH ST  
BERLIN, NH 03570**

**UST U000348978  
N/A**

**UST:**

Facility ID: 0112494  
Install Date: 01/01/1969  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 5500  
Owner: DIOCESE OF MANCHESTER  
PO BOX 310  
MANCHESTER, NH 03105

Tank ID: 1  
Last Test: 05/10/1988  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 04/30/1990  
Permanent Closure Analysis: Not reported

Facility ID: 0112494  
Install Date: 01/01/1969  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 5500  
Owner: DIOCESE OF MANCHESTER  
PO BOX 310  
MANCHESTER, NH 03105  
Lust Tracking Number: 198605

Tank ID: 2  
Last Test: 05/10/1988  
Closure Type: Removed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ST ANNES CHURCH (Continued)

U000348978

Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 04/30/1990  
Permanent Closure Analysis: Not reported

E32 NEW ENGLAND TELEPHONE CENTRAL OFF  
West HIGH EMERY STS  
1/2-1 BERLIN, NH 03570  
3655  
Lower Site 1 of 2 in cluster E

RCRIS-SQG 1000112302  
FINDS NHD980511109  
UST

RCRIS:

Owner: NEW ENGLAND TELEPHONE CO BOS  
(603) 555-1212  
Contact: ALEX MACARTHUR  
(617) 743-5904  
Record Date: 03/02/1981  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID:	0220523	Tank ID:	1
Install Date:	01/01/1964	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Removed
Chemical:	#2 heating oil.		
Capacity (gal):	1000		
Owner:	BELL ATLANTIC 125 HIGH ST RM 1006 BOSTON, MA 02110		
Lust Tracking Number:	199309		
Type of Tank Construction:	Steel		
Type of Pipe Construction:	Steel		
Double Wall Construction:	No		
Spill Installed:	Not reported		
Overfill:	Not reported		
Line Leak Detection:	Not reported		
Permanent Closure:	06/25/1993		
Permanent Closure Analysis:	07/29/1993		

Facility ID:	0220523	Tank ID:	2
Install Date:	01/01/1964	Last Test:	Not reported
Close Date:	Not reported	Closure Type:	Removed
Chemical:	Diesel.		
Capacity (gal):	300		
Owner:	BELL ATLANTIC 125 HIGH ST RM 1006 BOSTON, MA 02110		
Lust Tracking Number:	199309		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW ENGLAND TELEPHONE CENTRAL OFF (Continued)**

1000112302

Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 06/25/1993  
Permanent Closure Analysis: 07/29/1993

E33  
West  
1/2-1  
3684  
Lower

**ST BARNABAS CHURCH**  
**85 HIGH ST**  
**BERLIN, NH 03570**

UST U001556780  
N/A

Site 2 of 2 In cluster E

UST:

Facility ID: 0112493  
Install Date: 01/01/1970  
Close Date: Not reported  
Chemical: #2 heating oil.  
Capacity (gal): 5000  
Owner: ST BARNABAS CHURCH  
\*\*\*\*\*NO ADDRESS KNOWN\*\*\*\*\*  
BERLIN, NH 03570

Tank ID: 1  
Last Test: 10/14/1987  
Closure Type: Removed

Lust Tracking Number: 198605  
Type of Tank Construction: Steel  
Type of Pipe Construction: Steel  
Double Wall Construction: No  
Spill Installed: Not reported  
Overfill: Not reported  
Line Leak Detection: Not reported  
Permanent Closure: 08/22/1995  
Permanent Closure Analysis: 09/14/1995

34  
WSW  
1/2-1  
3708  
Lower

**CUMBERLAND FARMS 2835**  
**173 MAIN MASON STS**  
**BERLIN, NH 03570**

RCRIS-SQG 1000692728  
FINDS NHD986473338

RCRIS:

Owner: CUMBERLAND FARMS, INC  
(617) 828-4900  
Contact: JOYCE E SCHULTZ  
(617) 828-4900  
Record Date: 12/02/1991  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

CUMBERLAND FARMS 2835 (Continued)

1000692728

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system (RCRAINFO)

F35  
SW  
1/2-1  
3829  
Lower

BERLIN FOUNDRY & MACHINE CO  
489 GOBEL ST  
BERLIN, NH 03570

UST U001556416  
N/A

Site 1 of 2 in cluster F

UST:

Facility ID:	0111798	Tank ID:	1
Install Date:	07/01/1986	Last Test:	10/08/1996
Close Date:	Not reported	Closure Type:	Not reported
Chemical:	#2 heating oil.		
Capacity (gal):	10000		
Owner:	BERLIN FOUNDRY & MACHINE CO PO BOX 127 BERLIN, NH 03570		
Lust Tracking Number:	198705		
Type of Tank Construction:	Steel, corrosion protected		
Type of Pipe Construction:	Copper		
Double Wall Construction:	Yes		
Spill Installed:	07/01/1986		
Overfill:	07/01/1986		
Line Leak Detection:	Not reported		
Permanent Closure:	Not reported		
Permanent Closure Analysis:	Not reported		

F36  
SW  
1/2-1  
3829  
Lower

BERLIN FOUNDRY MACHINE CO  
489 GOEBEL ST  
BERLIN, NH 03570

RCRIS-SQG 1001221211  
FINDS NHD510001126

Site 2 of 2 in cluster F

RCRIS:

Owner: EMILIENCE HAMEL  
(603) 449-2003

Contact: GARY HAMEL  
(603) 752-4550

Record Date: 05/12/1998

Classification: Conditionally Exempt Small Quantity Generator

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	10/31/1997
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/17/1998
Actual Date Achieved Compliance:	05/11/1998
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	04/17/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

BERLIN FOUNDRY MACHINE CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001221211

Area of Violation: Generator-All Requirements  
Date Violation Determined: 10/31/1997  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: 04/17/1998  
Actual Date Achieved Compliance: 05/11/1998  
  
Enforcement Action: Initial Formal 3008(a) Compliance Order  
Enforcement Action Date: 04/17/1998  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 10/31/1997  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: 04/17/1998  
Actual Date Achieved Compliance: 05/11/1998  
  
Enforcement Action: Initial Formal 3008(a) Compliance Order  
Enforcement Action Date: 04/17/1998  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 10/31/1997  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: 04/17/1998  
Actual Date Achieved Compliance: 05/11/1998  
  
Enforcement Action: Initial Formal 3008(a) Compliance Order  
Enforcement Action Date: 04/17/1998  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 10/31/1997  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: 04/17/1998  
Actual Date Achieved Compliance: 05/11/1998  
  
Enforcement Action: Initial Formal 3008(a) Compliance Order  
Enforcement Action Date: 04/17/1998  
Proposed Monetary Penalty: Not reported  
Final Monetary Penalty: Not reported

There are 5 violation record(s) reported at this site:

Evaluation  
Other Evaluation

Area of Violation  
Generator-All Requirements  
Generator-All Requirements  
Generator-All Requirements  
Generator-All Requirements  
Generator-All Requirements

Date of Compliance  
05/11/1998  
05/11/1998  
05/11/1998  
05/11/1998  
05/11/1998

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BERLIN FOUNDRY MACHINE CO (Continued)**

1001221211

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

37  
North  
1/2-1  
4380  
Lower

**RED'S MOBIL  
879 MAIN STREET  
BERLIN, NH**

**LUST S102828267  
N/A**

**LUST:**

Facility ID: 199709018  
Project Type: LUST  
Project Mngr: UNASSIGNED  
No. of Permits: 1

38  
North  
1/2-1  
4694  
Lower

**FORMER RESEARCH & DEVELOPMENT BUILDING  
961 MAIN STREET  
BERLIN, NH**

**SHWS S104894594  
N/A**

**SHWS:**

Facility ID: 200007033  
Proj Type: HAZWASTE  
No. of Permits: 0  
Project Manager: BLEDSOE

G39  
West  
1/2-1  
4843  
Lower

**SCORPION DISTRIBUTION  
51 WILLOW ST  
BERLIN, NH**

**LUST S104325004  
N/A**

Site 1 of 2 in cluster G

**LUST:**

Facility ID: 198907024  
Project Type: LUST  
Project Mngr: CLOSED  
No. of Permits: 0

G40  
West  
1/2-1  
5011  
Lower

**KENTUCKY FRIED CHICKEN  
4 HILLSIDE AVE  
BERLIN, NH**

**SHWS S102991135  
N/A**

Site 2 of 2 in cluster G

**SHWS:**

Facility ID: 199802027  
Proj Type: HAZWASTE  
No. of Permits: 0  
Project Manager: KENISON

## O. SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BERLIN	U001150502	JOHNSONS FUEL SERVICE	RTE 16	03570	UST	0113663
BERLIN	S105125932	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125933	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125934	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125935	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125936	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125937	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125938	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125939	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125940	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125941	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125942	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125943	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S105125944	BERLIN	AVRRDD MRF ROUTE 110	03570	SWF/LF	
BERLIN	S104325008	NEW ENGLAND TELEPHONE (FAC. 9212-0	EMERY / HIGH STREETS	03570	LUST	199309041
BERLIN	S104325006	NOTRE DAME ARENA	HILLSIDE AVENUE	03570	LUST	199008012
BERLIN	984406671	HUTCHINS STREET	HUTCHINS STREET	03570	ERNS	
BERLIN	984406670	HUTCHINS STREET	HUTCHINS STREET	03570	ERNS	
BERLIN	1000783293	ISAACSON CONTAINER INC	HUTCHINS ST	03570	RCRIS-SQG, FINDS	
BERLIN	U003654195	NORTH COUNTRY CORRECTIONAL FAC	HUTCHINS ST	03570	UST	0115255
BERLIN	S104894593	NORGE VILLAGE LAUNDRY	IGA PLAZA 19 PLEASANT STREET	03570	SHWS, LUST	198910067
BERLIN	96507074	43 MAIN STREET	43 MAIN STREET		ERNS	
BERLIN	96505795	43 MAIN STREET	43 MAIN STREET		ERNS	
BERLIN	A100131699	BERLIN BULK PLANT	120 EAST MASON STREET/ARTIERIA	03570	AST	940633A
BERLIN	U003745233	FORMER EAST MASON AUTOBODY	E MASON RD	03570	UST	0115349
BERLIN	U003654044	GAMM INC	MAYNESBORO IND PARK	03570	UST	0114196
BERLIN	1000323480	SCANWOOD LTD INC	E MILAN RD MAYNESBORO IND PK	03570	RCRIS-SQG, FINDS	
BERLIN	91231535	NEAR COOS STREET	NEAR COOS STREET		ERNS	
BERLIN	U001150489	BROWN ELEMENTARY SCHOOL	NORWAY ST	03570	UST	0111619
BERLIN	U003083163	ST PAULS LUTHERAN CHURCH	NORWAY ST	03570	UST	0110206
BERLIN	U001556309	BURGESS SCHOOL	SCHOOL ST	03570	UST	0111625
BERLIN	98428991	SNOW PLOW BROKE DOWN ON STREET IN	SNOW PLOW BROKE DOWN ON STREET	03570	ERNS	
BERLIN	A100131700	BERLIN UNITY STREET IRVING BULK PL	UNITY STREET	03570	AST	950355A
BERLIN	94354509	UNITY STREET	UNITY STREET	03570	ERNS	
BERLIN	U002264192	BERLIN UNITY ST. IRVING BULK	UNITY STREET	03570	UST	0114847
RANDOLPH	U001556119	LOWES SERVICE STATION	RTE 2	03570	UST	0111277
RANDOLPH	1001079196	GRAND VIEW AUTO BODY	RFD 1 BOX 226 RTE 2	03570	RCRIS-SQG, FINDS	

## EPA Waste Codes Addendum

Code	Description
------	-------------

D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
------	--

D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
------	---

D007	CHROMIUM
------	----------

D009	MERCURY
------	---------

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

### FEDERAL ASTM STANDARD RECORDS

#### **NPL: National Priority List**

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/22/01

Date Made Active at EDR: 12/11/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/05/01

Elapsed ASTM days: 36

Date of Last EDR Contact: 02/04/02

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

#### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA

Telephone: N/A

Date of Government Version: 10/22/01

Date Made Active at EDR: 12/11/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/05/01

Elapsed ASTM days: 36

Date of Last EDR Contact: 02/04/02

#### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/21/01

Date Made Active at EDR: 02/04/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01

Elapsed ASTM days: 40

Date of Last EDR Contact: 12/26/01

#### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/21/01  
Date Made Active at EDR: 02/04/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01  
Elapsed ASTM days: 40  
Date of Last EDR Contact: 12/16/01

### **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01  
Date Made Active at EDR: 01/14/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01  
Elapsed ASTM days: 61  
Date of Last EDR Contact: 11/14/01

### **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS  
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00  
Date Made Active at EDR: 07/31/00  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/10/00  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 01/14/02

### **ERNS:** Emergency Response Notification System

Source: EPA/NTIS  
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00  
Date Made Active at EDR: 09/06/00  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/11/00  
Elapsed ASTM days: 26  
Date of Last EDR Contact: 02/01/02

## **FEDERAL ASTM SUPPLEMENTAL RECORDS**

### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/01  
Date of Next Scheduled EDR Contact: 03/18/02

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices  
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### **ROD:** Records Of Decision

Source: NTIS  
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **DELISTED NPL: National Priority List Deletions**

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 11/13/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/04/02  
Date of Next Scheduled EDR Contact: 05/06/02

### **FINDS: Facility Index System/Facility Identification Initiative Program Summary Report**

Source: EPA  
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/21/02  
Date of Next Scheduled EDR Contact: 04/22/02

### **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 12/14/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 04/01/02

### **NPL LIENS: Federal Superfund Liens**

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/19/01  
Date of Next Scheduled EDR Contact: 02/18/02

### **PADS: PCB Activity Database System**

Source: EPA  
Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/01  
Date of Next Scheduled EDR Contact: 02/12/02

### **RAATS: RCRA Administrative Action Tracking System**

Source: EPA  
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/11/01  
Date of Next Scheduled EDR Contact: 03/11/02

### **TRIS: Toxic Chemical Release Inventory System**

Source: EPA  
Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/01  
Date of Next Scheduled EDR Contact: 03/25/02

### **TSCA: Toxic Substances Control Act**

Source: EPA  
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 01/22/02  
Date of Next Scheduled EDR Contact: 04/22/02

### **FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/01  
Date of Next Scheduled EDR Contact: 03/25/02

### **FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA  
Telephone: 202-564-2501

Date of Government Version: 10/25/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/01  
Date of Next Scheduled EDR Contact: 03/25/02

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/01  
Date of Next Scheduled EDR Contact: 03/11/02

**NH SPILLS:** Listing of All Sites  
Source: Department of Environmental Services  
Telephone: 603-271-2975

Date of Government Version: 12/01/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/01  
Date of Next Scheduled EDR Contact: 03/11/02

### EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

#### **Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### AQUIFLOW®

Search Radius: 2,000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

#### GEOLOGIC AGE IDENTIFICATION

Era:	Paleozoic	Category: Volcanic Rocks
System:	Ordovician	
Series:	Ordovician volcanic rocks	
Code:	Ov (decoded above as Era, System & Series)	

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	BECKET
Soil Surface Texture:	very stony - fine sandy loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	2 inches	very stony - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 3.60
2	2 inches	31 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 3.60
3	31 inches	65 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.60 Min: 0.06	Max: 7.30 Min: 5.10

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: very stony - sandy loam  
unweathered bedrock

Surficial Soil Types: very stony - sandy loam  
unweathered bedrock

Shallow Soil Types: silt loam  
fine sandy loam

Deeper Soil Types: gravelly - loamy sand  
loamy sand  
unweathered bedrock  
fine sandy loam  
very gravelly - coarse sand  
very cobbly - loamy sand

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	442821071095101	0 - 1/8 Mile ESE
A2	442821071095001	1/8 - 1/4 Mile ESE
3	442754071095401	1/2 - 1 Mile South
4	442757071093601	1/2 - 1 Mile SSE
B5	442900071092701	1/2 - 1 Mile NNE
B6	442858071092301	1/2 - 1 Mile NE
B7	442900071092601	1/2 - 1 Mile NNE
B8	442859071092401	1/2 - 1 Mile NE
B9	442857071091901	1/2 - 1 Mile NE
B10	442859071092101	1/2 - 1 Mile NE
C11	442857071091701	1/2 - 1 Mile NE
B12	442901071092201	1/2 - 1 Mile NE
C13	442857071091501	1/2 - 1 Mile NE
14	442910071094601	1/2 - 1 Mile North

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

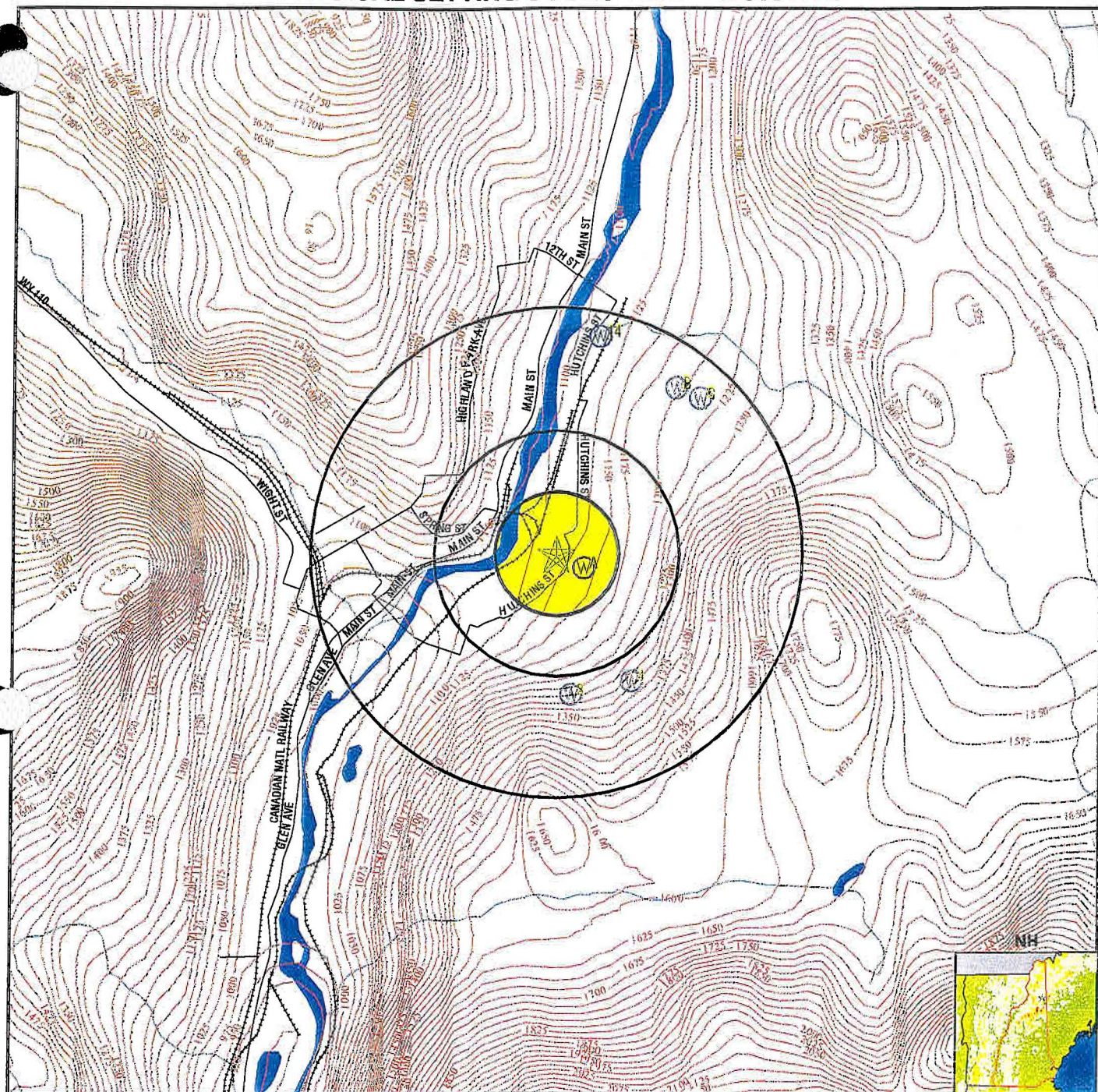
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 0736317.1r



- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

Earthquake epicenter, Richter 5 or greater

**TARGET PROPERTY:** Hutchins Street/Napert Street  
**ADDRESS:** Hutchins Street/Napert Street  
**CITY/STATE/ZIP:** Berlin NH 03570  
**LAT/LONG:** 44.4734 / 71.1658

**CUSTOMER:** Haley & Aldrich, Inc.  
**CONTACT:** Nathaniel Keith  
**INQUIRY #:** 0736317.1r  
**DATE:** February 18, 2002 7:18 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

A1  
ESE  
0 - 1/8 Mile  
Higher

FED USGS 442821071095101

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1990	County:	Not Reported
Altitude:	Not Reported	State:	New Hampshire
Well Depth:	24.80 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Unused

A2  
ESE  
1/8 - 1/4 Mile  
Higher

FED USGS 442821071095001

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	Not Reported	State:	New Hampshire
Well Depth:	135.40 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Unused

3  
South  
1/2 - 1 Mile  
Higher

FED USGS 442754071095401

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1987	County:	Not Reported
Altitude:	1290.00 ft.	State:	New Hampshire
Well Depth:	280.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

4  
SSE  
1/2 - 1 Mile  
Higher

FED USGS 442757071093601

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1989	County:	Not Reported
Altitude:	1350.00 ft.	State:	New Hampshire
Well Depth:	165.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**B5**  
**NNE**  
1/2 - 1 Mile  
Higher

**FED USGS      442900071092701**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1987	County:	Not Reported
Altitude:	1220.00 ft.	State:	New Hampshire
Well Depth:	400.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

**B6**  
**NE**  
1/2 - 1 Mile  
Higher

**FED USGS      442858071092301**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	1235.00 ft.	State:	New Hampshire
Well Depth:	180.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

**B7**  
**NNE**  
1/2 - 1 Mile  
Higher

**FED USGS      442900071092601**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1986	County:	Not Reported
Altitude:	1225.00 ft.	State:	New Hampshire
Well Depth:	265.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

**B8**  
**NE**  
1/2 - 1 Mile  
Higher

**FED USGS      442859071092401**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	1225.00 ft.	State:	New Hampshire
Well Depth:	180.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

B9  
NE  
1/2 - 1 Mile  
Higher

FED USGS 442857071091901

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1989	County:	Not Reported
Altitude:	1235.00 ft.	State:	New Hampshire
Well Depth:	165.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

B10  
NE  
1/2 - 1 Mile  
Higher

FED USGS 442859071092101

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	1235.00 ft.	State:	New Hampshire
Well Depth:	360.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

C11  
NE  
1/2 - 1 Mile  
Higher

FED USGS 442857071091701

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	1240.00 ft.	State:	New Hampshire
Well Depth:	785.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

B12  
NE  
1/2 - 1 Mile  
Higher

FED USGS 442901071092201

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	1225.00 ft.	State:	New Hampshire
Well Depth:	300.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	20.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	05311988	Prim. Use of Water:	Domestic

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

C13  
NE  
1/2 - 1 Mile  
Higher

FED USGS 442857071091501

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1988	County:	Not Reported
Altitude:	1240.00 ft.	State:	New Hampshire
Well Depth:	240.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	20.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	06011988	Prim. Use of Water:	Domestic

14  
North  
1/2 - 1 Mile  
Higher

FED USGS 442910071094601

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1985	County:	Not Reported
Altitude:	1100.00 ft.	State:	New Hampshire
Well Depth:	465.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for COOS County: 2

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

### COOS COUNTY, NH

Number of sites tested: 85

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.730 pCi/L	73%	20%	8%
Basement	4.690 pCi/L	51%	38%	12%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

### HYDROGEOLOGIC INFORMATION

#### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### GEOLOGIC INFORMATION

#### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### **STATSGO: State Soil Geographic Database**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### **FEDERAL WATER WELLS**

##### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

##### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### **New Hampshire Well Inventory Locations**

Source: University of New Hampshire, GIS  
Telephone: 603-862-1792

### RADON

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration